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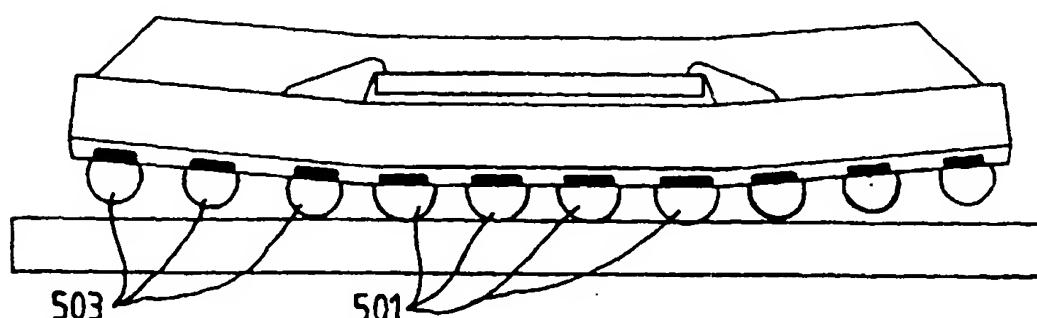
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## (54) Plastic ball grid array module

(57) A Plastic Ball Grid Array electronic package having the conductive metal pads of variable area. The

central pads are wider than those closer to the border for compensating the warpage effect on the final package.

FIG. 5

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## EUROPEAN SEARCH REPORT

Application Number

EP 97 30 4020

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PATENT ABSTRACTS OF JAPAN vol. 095, no. 004, 31 May 1995 & JP 07 022538 A (CITIZEN WATCH CO LTD), 24 January 1995 * abstract *---	1-10	H01L23/498 H01L23/13 H05K1/11 H05K3/34
A	US 4 600 970 A (BAUER JOHN A) 15 July 1986 * figures 1,5 *---	1-10	
A	PATENT ABSTRACTS OF JAPAN vol. 096, no. 008, 30 August 1996 & JP 08 097322 A (OKI ELECTRIC IND CO LTD), 12 April 1996 * abstract *---	1-10	
P,X	PATENT ABSTRACTS OF JAPAN vol. 096, no. 010, 31 October 1996 & JP 08 162560 A (MATSUSHITA ELECTRIC IND CO LTD), 21 June 1996 * abstract *----	1-10	
TECHNICAL FIELDS SEARCHED (Int.Cl.6)			
H01L			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	24 September 1998	Prohaska, G	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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